# **DECLARATION FOR PATENT APPLICATION**

As the below named inventors, we hereby declare that:

Our residences, post office addresses, and citizenships are as stated below next to our names.

We believe we are the original, first, and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

# **PISTON VACUUM PUMP**

	the specification of which is attached hereto
X	the specification of which was filed with the U.S. Patent and Trademark Office on October 20, 2005 and accorded U.S. Application Serial No. 10/553,764
	the above

We hereby state that we have reviewed and understand the contents of the aboveidentified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, ' 1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code '119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Entry of PCT/EP2004/003833; Filed April 10, 2004

Priority German Patent Application No. DE 103 18 735.9 Filed April 25, 2003 in Germany.

We hereby claim benefit under Title 35, United States Code '119(e) of any United States provisional applications listed below:

### None

We hereby claim the benefit under Title 35, United States Code, ' 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, ' 112. We acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, ' 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

We hereby appoint all attorneys associated with Customer No. 027885.

Address all telephone calls to: Thomas E. Kocovsky, Jr. at telephone number: (216) 861-5582

Address all correspondence to:

FAY, SHARPE, FAGAN, MINNICH & McKEE, LLP 1100 Superior Avenue, Seventh Floor Cleveland, Ohio 44114-2518

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor: Rudolf BAHNEN Inventor's signature:
Full name of second joint inventor: Peter LANGER Inventor's signature: Date:
Residence: Düsseldorfer Strasse 24, 45481 MÜLHEIM, GERMANY
Citizenship: DE Post Office Address: Düsseldorfer Strasse 24, 45481 MÜLHEIM, GERMANY
Full name of third joint inventor: Hans-Josef BURGHARD Inventor's signature:
Date:
Citizonship: DE
Post Office Address: Neuenhöfer Allee 3B, 50937 KÖLN, GERMANY
Full name of fourth joint inventor: Helge ASAROW-SEMKE Inventor's signature:
Residence: Lourdesstrasse 7, 52351 DUREN, GERMANY
Citizenship: DE Post Office Address: Lourdesstrasse 7, 52351 DÜREN, GERMANY

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Full name of first joint inventor: Rudolf BAHNEN Inventor's signature: Date:
Residence: Roetgenbachstrasse 33, 52159 ROETGEN, GERMANT
Citizenship: DE Post Office Address: Roetgenbachstrasse 33, 52159 ROETGEN, GERMANY
Full name of second joint inventor: Peter LANGER Inventor's signature: Date:
Residence: Düsseldorfer Strasse 24, 45481 MÜLHEIM, GERMANY
Citizenship: DE Post Office Address: Düsseldorfer Strasse 24, 45481 MÜLHEIM, GERMANY
Full name of third joint inventor: Hans-Josef BURGHARD Inventor's signature:
Date: Residence: Neuenhöfer Allee 3B, 50937 KÖLN, GERMANY
Citizanship: DE
Post Office Address: Neuenhöfer Allee 3B, 50937 KÖLN, GERMANY
Full name of fourth joint inventor: Helge ASAROW-SEMKE Inventor's signature:
Data:
Residence: Lourdesstrasse 7, 52351 DÜREN, GERMANY
Citizenship: DE Post Office Address: Lourdesstrasse 7, 52351 DÜREN, GERMANY

# **DECLARATION FOR PATENT APPLICATION**

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### **PISTON VACUUM PUMP**

$\supset$	the specification of which is attached hereto
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Full name of third joint inventor: Hans-Josef BURGHARD
Inventor's signature: taus factor to the second to the signature of the si
Residence: Neuenhöfer Allee 3B, 50937 KOLN, GERMANY
Citizenship: DE Post Office Address: Neuenhöfer Allee 3B, 50937 KÖLN, GERMANY
Full name of fourth joint inventor: Helge ASAROW-SEMKE Inventor's signature: Date:
Residence: Lourdesstrasse 7, 52351 DÜREN, GERMANY Citizenship: DE
Post Office Address: Lourdesstrasse 7, 52351 DÜREN, GERMANY

# DECLARATION FOR PATENT APPLICATION

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PO3. AA WELLS

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at telephone number: (216) 861-5582

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Date:
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Post Office Address: Roetgenbachstrasse 33, 52159 ROETGEN, GERMANY
Full name of second joint inventor: Peter LANGER
Inventor's signature:
Date:
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Full name of third joint inventor: Hans-Josef BURGHARD
Inventor's signature:
Date:
Residence: Neuenhöfer Allee 3B, 50937 KÖLN, GERMANY
Citizenship: DE Post Office Address: Neuenhöfer Allee 3B, 50937 KÖLN, GERMANY
Post Office Address: Neuerinoler Aliee 3B, 30307 (CER, CER, INS. IV.
Full name of fourth joint inventor: Helge ASAROW-SEMKE
Inventor's signature: Helge Asarow - Semke
Inventor's signature: Helge Asarow - Cembe  Date: February 2 2006  Residence: Lourdesstrasse 7, 52351 DÜREN, GERMANY
Citizenship: DE

Post Office Address: Lourdesstrasse 7, 52351 DÜREN, GERMANY

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

***************************************	
In re application of R. BAHNEN, et al	) Examiner:
Serial No.: 10/553,764	) Art Unit: ) ) Confirmation: 7729
I.A. Filed: April 10, 2004	) Commination. 7729
For: PISTON VACUUM PUMP	)
Date of Notification: June 13, 2006	) ) )
Attorney Docket No.: LYBZ 2 00097	) Cleveland, OH 44114 ) June 23, 2006
ASSIGNMENT 1	TRANSMITTAL LETTER
Mail Stop: Missing Parts Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450	
Dear Sir:	
Please record the attach	ned original document(s) or copy(ies) thereof.
1. Name of Party(ies) conveying	an interest:
Rudolf BAHNE Peter LANGER Hans-Josef BUI Helge ASAROV	RGHARD
2. Name of Party(ies) receiving a	n interest:
LEYBOLD VA Bonner Str. 498 50968 Köln GERMANY	
	ertificate of Mailing
I certify that this Assignment Transmittal Letter and Assignment; and Form PTO-2038 in connection with Ser. No. 10/553.764 is being  deposited with the United States Postal Service as First Class mail under 37 C.F.R. § 1.8, addressed to:  Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.	
	Signature Signature
Date	According to Signature Printed Name
June 23, 2006	Hilary M. McNULTY

3.	Description of the interest conv	veyed:
	X Assignment	Change of Name
	Security Agreement	Merger
	Other	

- 4. This document is being filed in connection with U.S. Patent Application Serial No. 10/553,764; I.A. Filing Date April 10, 2004 and originally submitted to the U.S. Patent Office on: October 20, 2005.
- 5. Name and address of Party to whom correspondence concerning this document should be mailed:

Thomas E. Kocovsky, Jr.
Reg. No. 28,383
FAY, SHARPE, FAGAN
MINNICH & McKEE, LLP
1100 Superior Avenue, Seventh Floor
Cleveland, Ohio 44114-2579

- 6. One patent application is involved.
- 7. Amount of fee enclosed or authorized to be charged: \$\\$\\$\\$\\$\\$\\$40.00.

  The applicants have enclosed an appropriate form PTO 2038 for this purpose.
- 8. Deposit Account Number (attached duplicate copy of this form if paying by Deposit Account): <u>06-0308</u>. (Please charge any additional fees or credit overpayment).
- 9. The Assignment shows it was signed on:
  October 16, 2005 by Rudolf BAHNEN;
  November 28, 2005 by Peter LANGER;
  October 26, 2005 by Hans-Josef BURGHARD; and
  February 2, 2006 by Helge ASAROW-SEMKE.

08/30/2008 KKAYPRGH 00000142 10553764

02 FC:8021 40.00 CP

10. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Total Number of pages including cover sheet (3 pages); and document (4 pages); Total: \_7\_ pages.

Respectfully submitted,

FAY, SHARPE, FAGAN, MINNICH & McKEE, LLP

Thomas E. Kocoysky, Jr.

Reg. No. 28,383

1100 Superior Avenue

Seventh Floor

Cleveland, OH 44114-2579

(216) 861-5582

### **ASSIGNMENT**

Whereas, We, Rudolf BAHNEN of Roetgenbachstrasse 33, 52159 ROETGEN, GERMANY, Peter LANGER of Düsseldorfer Strasse 24, 45481 MÜLHEIM, GERMANY, Hans-Josef BURGHARD of Neuenhöfer Allee 3B, 50937 KÖLN, GERMANY, and Helge ASAROW-SEMKE of Lourdesstrasse 7, 52351 DÜREN,

GERMANY, and Helge ASAROW-SEMKE GERMANY, having invented certain new an	of Lourdesstrasse 7, 52351 DONEN, and useful improvements in:
PISTON VACU	
the specification of which is attached	hereto
the specification of which was file Office on <u>October 20, 2005</u> No. <u>10/553,764</u>	d with the U.S. Patent and Trademark and accorded U.S. Application Serial
in consideration of One Euro (1 EUR) and receipt of which is hereby acknowledg LEYBOLD VAKUUM GmbH, a Corporation business at:	ded sell assign, and hansler unto
Bonner Str. 498, 5096	8 Köln, GERMANY
the full and exclusive right, title, and inter United States and its territorial possession rights under the International Convention in entire and exclusive right, title, and intere which may be granted therefor in the Unit and in any and all foreign countries, and in continuations, and extensions thereof.	cluding the right to claim priority, and the est in and to any and all Letters Patent ed States and its territorial possessions
We therefore authorize and request the Pa and in any and all foreign countries to i granted, solely to the said	atent Office officials in the United States issue any and all Letters Patent when
LEYBOLD VAK	(UUM GmbH
for its sole use, and that of its successors,	and assigns.
Signed at <u>Colorno</u> , Germany on	this 16 day of 0ctobes, 2005.
N'ecle Witness	Rudolf BAHNEN
Witness	Peter LANGER
Witness	Hans-Josef BURGHARD
Witness	Helge ASAROW-SEMKE

Witness

## **ASSIGNMENT**

Whereas, We, Rudolf BAHNEN of Roetgenbachstrasse 33, 52159 ROETGEN, GERMANY, Peter LANGER of Düsseldorfer Strasse 24, 45481 MÜLHEIM, GERMANY, Hans-Josef BURGHARD of Neuenhöfer Allee 3B, 50937 KÖLN, GERMANY, and Helge ASAROW-SEMKE of Lourdesstrasse 7, 52351 DÜREN, GERMANY, having invented certain new and useful improvements in:
--

PISTON VACUUM PUMP				
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in consideration of One Euro (1 EUR) and other good and valuable consideration, receipt of which is hereby acknowledged, sell, assign, and transfer unto LEYBOLD VAKUUM GmbH, a Corporation of Germany, having a principal place of business at:				
Bonner Str. 498, 50968 Köln, GERMANY				
the full and exclusive right, title, and interest in and to the said invention in the United States and its territorial possessions, and in all foreign countries with all rights under the International Convention including the right to claim priority, and the entire and exclusive right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations, and extensions thereof.				
We therefore authorize and request the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the said				
LEYBOLD VAKUUM GmbH				
for its sole use, and that of its successors, and assigns.  Signed at 609no, Germany on this 2005.				
Witne Witne	cal soil+ Pof >	Rudolf BAHNEN  Peter LANGER		
Witne	ess	Hans-Josef BURGHARD		
Witn	ess	Helge ASAROW-SEMKE		

### **ASSIGNMENT**

GERMANY, P	Rudolf BAHNEN of Roetgenbachstrasse 33, 52159 ROETGEN, teter LANGER of Düsseldorfer Strasse 24, 45481 MÜLHEIM, ans-Josef BURGHARD of Neuenhöfer Allee 3B, 50937 KÖLN hd Helge ASAROW-SEMKE of Lourdesstrasse 7, 52351 DÜREN aving invented certain new and useful improvements in:
GERMANY, h	aving invented certain new and useful improvements in

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receip LEYB		other good and valuable consideration, ed, sell, assign, and transfer unto of Germany, having a principal place of		
	Bonner Str. 498, 50968	3 Köln, GERMANY		
United rights entire which and in contire	d States and its territorial possession under the International Convention income and exclusive right, title, and interest may be granted therefor in the United and and all foreign countries, and interest and interest, and extensions thereof.	est in and to the said invention in the as, and in all foreign countries with all cluding the right to claim priority, and the st in and to any and all Letters Patent ed States and its territorial possessions and to any and all divisions, reissues,		
and i	nerefore authorize and request the Pa in any and all foreign countries to is ed, solely to the said	tent Office officials in the United States ssue any and all Letters Patent when		
	LEYBOLD VAK	UUM GmbH		
for its sole use, and that of its successors, and assigns.  Signed at 605ne, Germany on this 26 day of 0ctober, 2005.				
Witne	ess	Rudolf BAHNEN		
Witne Witne	del Leist AT ?	Peter LANGER  Hans-Josef BURGHARD		
Witn		Helge ASAROW-SEMKE		

### **ASSIGNMENT**

Whereas, We, Rudolf BAHNEN of Roetgenbachstrasse 33, 52159 ROETGEN, GERMANY, Peter LANGER of Düsseldorfer Strasse 24, 45481 MÜLHEIM, GERMANY, Hans-Josef BURGHARD of Neuenhöfer Allee 3B, 50937 KÖLN, GERMANY, and Helge ASAROW-SEMKE of Lourdesstrasse 7, 52351 DÜREN, GERMANY, having invented certain new and useful improvements in:

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the full and exclusive right, title, and interest in and to the said invention in the United States and its territorial possessions, and in all foreign countries with all rights under the International Convention including the right to claim priority, and the entire and exclusive right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations, and extensions thereof.				
We therefore authorize and request the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the said				
LEYBOLD VAKUUM GmbH				
for its sole use, and that of its successors, and assigns.				
Signed at <u>Cologne</u> , Germany of	on this 2 day of February, 200%			
Witness	Rudolf BAHNEN			
Witness	Peter LANGER			
Witness	Hans-Josef BURGHARD			